City of San Diego
Storm Water

David Wells
Project Officer
Storm Water Division
(858) 541-4339
dwells@sandiego.gov
Storm Water Division

- Responsibilities:
  - Maintain drainage infrastructure (flood control)
  - Comply with NPDES Permit
    - Improve quality of recreational waters
    - Enforce Municipal Code and ordinance updates
Mission Statement and Goals

MISSION
To protect and improve water quality and to reduce flood risk through efficient storm water management

GOAL A
Restore and Maintain Clean Beaches, Streams and Bays

GOAL B
Use Sound Science to Support Storm Water Management

GOAL C
Manage Storm Water as a Resource

GOAL D
Provide Flood Control for the Protection of Public Safety and Infrastructure

GOAL E
Comply with Storm Water Regulatory Requirements
City Property
The Department has been the lead agency in pursuit and administration of funding for TRVRT and other Valley-related work:

- EPA Wetland Program Development grant ($500k; May ‘09)
- SWRCB Cleanup and Abatement Account grant ($700k)
- CalRecycle Grant to dispose of waste tires
- US Army Corp of Engineers PAS Agreement ($100k)
Recent Work - Pollution Prevention

- Conceptual designs and cost estimates for border trash capture devices
  - Goat Canyon and Smugglers Gulch
  - Preliminary conceptual BMP design plans
City’s Continuing Role

• Support protection of water quality to meet regulatory requirements
  – Encourage water quality improvement efforts

• Collaborate in implementation of cost-effective pollution prevention systems

• Collaborate in the development and implementation of pollution prevention projects in the Valley
Implementing Steps

• Perform maintenance as necessary to maintain flood control and protection of safety, property and existing infrastructure

• Collaborate and support TRVRT Recovery Strategy & 5 year Action Plan that meet Storm Water’s mission statement and goals

• Transition current projects and maintenance to sustainable long-term projects
How Do We Get There?

• Serve as participant in projects that address Permit required pollution and/or operation & maintenance requirements

• Work collaboratively with stakeholders to appropriately phase projects for maximum cost- and pollution prevention effectiveness

• Partner in seeking federal, state and other funding sources to support beneficial projects
Treaty Minute
Opportunities

- Study and upstream and downstream alternatives to abate trash, sediment and peak storm flows

- Implement the most cost effective project and initiatives

- Select projects and implement projects to connect and optimize capital investments long-term operations and maintenance needs
Potential Conflicts

• Necessary flood control O&M activities must consider nearby land uses, biological resources and other stakeholder interests

• City funding and SWD mission and focus will determine the types and/or level of commitment for certain projects
Available Information/Support

• H&H study with Army Corps
• GIS data layers and LiDAR
• Long-term water quality data from ongoing monitoring
• Sediment characterization data
• Grant identification and administrative support